

DERWENT-ACC-NO: 1987-254769

DERWENT-WEEK: 198736

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TITLE: Hot isostatically pressed powder
metallurgy watch-case -
is made of titanium alloy contg.
aluminium and vanadium,
or similar alloy also contg. tin or
molybdenum

PATENT-ASSIGNEE: NAMIKI SEIMITU HOSE [NAMIN]

PRIORITY-DATA: 1986JP-0019979 (January 30, 1986)

PATENT-FAMILY:

PUB-NO	PUB-DATE	
LANGUAGE	PAGES	MAIN-IPC
JP 62177137 A	August 4, 1987	N/A
002 N/A		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP 62177137A 0019979	N/A January 30, 1986	1986JP-

INT-CL (IPC): B22F003/16, C22C001/04, C22C014/00,
G04B037/22

ABSTRACTED-PUB-NO: JP 62177137A

BASIC-ABSTRACT:

The watch case is made by sintering a mixed powder of Ti powder and additive element powder, which are sintered, subjected to HIP, to form Ti based alpha+beta type high strength alloy. The alloy comprises (in wt.%) 90 Ti, 6 Al and 4 V, or 86 Ti, 6 Al, 4 V, and 2 Sn, or 89 Ti, 7 Al, and 4 Mo.

USE/ADVANTAGE - Watch case made of Ti alloy having good machinability, and high hardness is obtd.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: HOT ISOSTATIC PRESS POWDER METALLURGICAL WATCH
CASE MADE TITANIUM
CONTAIN ALLOY ALUMINIUM VANADIUM SIMILAR ALLOY
CONTAIN TIN
MOLYBDENUM

DERWENT-CLASS: M22 P53 S04

CPI-CODES: M22-G03K;

EPI-CODES: S04-A04B;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1987-108027
Non-CPI Secondary Accession Numbers: N1987-190474